## Exhibit 20



On Mon, Aug 13, 2018 at 12:53 PM $\square$ wrote:

On Mon, Aug 13, 2018 at 12:33 PM
wrote:


On Mon, Aug 13, 2018 at 11:58 AM $\square$
PRIVILEDGED \& CONFIDENTAL


On Mon, Aug 13, 2018 at 10:15 AM $\square$ wrote:

On Mon, Aug 13, 2018 at 9:38 AM
wrote:
Good Morning . I am back from vacation.
Your name came up today during our Monday morning "Oh Shit" meeting in relation to this story. Both comms and policy are looking for an update on where we are in terms of fixing "location history" fixes and having one single place to turn off instead of 3 :
"There are a number of different ways that Google may use location to improve people's experience, including: Location History, Web and App Activity, and through device-level Location Services," a Google spokesperson said in a statement to the AP. "We provide clear descriptions of these tools, and robust controls so people can turn them on or off, and delete their histories at any time."

Who should I reach out to for an update?
Thanks!

-1


## Exhibit 23

From:
To:
Sent: $\quad$ Thu, 16 Aug 2018 12:40:53 +0200
Subject:

- others Location Follow-up
Obviously schedule over whatever on my calendar.

As is apparently always the case this year(!) I'm OOO, but working specifically on this and otherwise joining the related meetings.
p.s. The response to AP article is now $\square$, so if you see anything about $\square$ this is it.

On Thu, Aug 16, 2018, 6:46 AM $\square$ wrote:
Just chatted with via IM. Let's aim for a GVC late afternoon california time tomorrow ( 4 pm or later; can advise on what works best for Tokyo), and then another on Friday around 1:30 / 2 pm to follow up / ensure that we are prepared for a clear recommendation by Monday Leads. Thanks all.

On Wed, Aug 15, 2018 at 9:29 PM, $\square$ wrote:
So the outline of what we can/should talk about next week is starting to take form in the doc.
We should probably have a quick sync tomorrow and Friday.
could you guys be so kind as to help us find 30 minutes for thursday friday?

On Thu, Aug 16, 2018 at 12:04 PM wrote:

Thanks, super helpful to see / understand the "sausage" phase just to get a flavor for where things are at, and can tell from glancing at the doc a few times today just how much hard work is happening, so appreciate it.
Please let me know early and often if there are decisions we can or should be making about tradeoffs or about how to proceed. Happy to also jump on a call at any point if guidance is needed or will help narrow down options.

Would love to hear a strawman high level recommendation by end of week, even if it's one that comes with open questions / homework still to be done - so we have time to discuss \& go into Monday with a clear point of view. Thanks \& here to help --

On Tue, Aug 14, 2018 at 11:02 PM, $\square$ wrote:
We are happy to put some content together for Monday. There is a LOT going on at the moment :)
Here's the working doc that and I were just working on (but be warned this is VERY much sausage making here so not a presentation and not yet organized nicely for consumption):

We have a bunch of the content you've mentioned below and will add the missing content.
We can send daily updates with progress so you can provide feedback (and will put this into presentation form as soon as we have all the raw information ready).

On Wed, Aug 15, 2018 at 12:33 PM wrote:
$\mathrm{Hi} \square$, Not surprisingly wants a location update at Leads next Monday - I asked that you be added to the discussion too. I know you're already working to add to the location deck with additional options based on today's discussion. Do you mind
a) sharing the existing summary deck with me (even before adding based on today's discussion, just so I can see where summary of prior work and plans is at)
b) helping make sure we have a good summary pulled in time for Monday of current state? I'm imagining an outline of something like:

- changes already made over last N months to improve location history
- upcoming changes planned (default retention change + any others), + rough timing
- summary of facts w.r.t. this week's news cycle; actions being taken \& potential changes under consideration

Open to other suggestions for how to organize / frame. I recognize you're in Tokyo this week and no doubt have a full plate on your hands alrcady so let me know if I can help in any way - either coordinating / chasing folks down on this end, or otherwise. Super appreciate your continued thoughtful leadership here -- these are complex issues and your consistency and calm as we weather them makes a big difference.


Date: Tue, Aug 14, 2018 at 8:25 PM
Subject: Re: Location Follow-up

## To

Yes of course - was already assuming I'd give an update here for Monday. :) Please add 1 to the discussion in addition to
Note I'm working remotely Monday so will be dialing in, but shouldn't prevent us covering the topic. Lots of work happening in the background here and will be good to give folks an update.
thanks

On Tue, Aug 14, 2018 at 7:39 PM, $>$ wrote:

H Wanted to highlight that $\qquad$ asked that we have a "Location" update in Leads on Monday with you leading the discussion. I'm assuming we should add to discussion but LMK who you'd like to be there and if I can help --

